

BellSouth Telecommunications, Inc. Legal Department 1025 Lenox Park Boulevard Suite 6C01 Atlanta, GA 30319-5309

bennett.ross@bellsouth.com

Bennett L. Ross

General Counsel - Georgia

404 986 1718 Fax 404 986 1800

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# CERTIFIED MAIL RETURN RECEIPT REQUESTED

Mr. Reece McAlister Executive Secretary Georgia Public Service Commission 244 Washington Street, S.W. Atlanta, Georgia 30334-5701

> Re: Performance Measurements for Telecommunications Interconnection, Unbundling and Resale; Docket No. 7892-U

Investigation into Development of Electronic Interfaces for BellSouth's Operations Support Systems; Docket No. 8354-U

Dear Mr. McAlister:

In response to the August 18, 2003 letter from Leon Bowles, Director of the Telecommunications Staff, BellSouth Telecommunications, Inc. ("BellSouth") respectfully submits its proposal for a "new and more focused audit plan" that is designed to conclude the audit of the Self Effectuating Enforcement Mechanisms ("SEEM") reports and remedies that began almost three years ago. Currently, BellSouth is moving production of some of the SEEM measures calculated in the Interim Solutions system ("IS") to the Parity Analysis and Remedy Information System ("PARIS"). Additionally, BellSouth is developing a SEEMs Replication Manual. Both of these initiatives are expected to be largely completed later this year, which provides the opportunity for the Georgia Public Service Commission ("Commission") to put in place a new, more efficient and more cost-effective approach to concluding the SEEM audit.

This letter outlines an audit process that, in BellSouth's view, will take advantage of the audit work performed to date and maximize the skills of the auditors, while at the same time providing assurance to this Commission and the industry that the SEEM reports and remedies being generated by BellSouth are consistent with the Commission's requirements.

To date, BearingPoint (formerly KPMG Consulting) has extensively tested BellSouth's systems and reports. When BearingPoint suspended its testing activities, BearingPoint provided the following report of the status of the SEEM audit as of August 14, 2003:

PMR 4 Data Integrity

		in entire		
oss	Percent Response Received within X seconds	OSS-1	Completed	Completed
	Interface Availability (Pre-Ordering and M&R)	OSS-2	Completed	Completed
Pre-Ordering	Average Response Time for LMU Information (Non-Mechanized)	PO-1	Completed	Completed
	Average Response Time for LMU Information (Electronic)	PO-2	Completed	Completed
Ordering	Acknowledgement Message Timeliness	O-1	Completed	Completed
	Acknowledgement Message Completeness (	O-2	Completed	Completed
	Percent Flow Through Service Request (Summary)	O-3	Completed	Completed
	Percent Flow-Through Service Requests (Detail) – Residence	O-4	Completed	Completed
	Reject Interval (Mechanized)	O-8	Completed	Completed
	FOC Timeliness	O-9	In Progress	In Progress
	FOC and Reject Completeness	O-11	In Progress	In Progress
Provisioning	Percent Missed Installation Appointments	P-3	Completed	Completed
	Order Completion Interval	P-4A	Completed	Completed
	Coordinated Customer Conversion - UNE Loops w/ LNP	P-7	Completed	Completed
	Coordinated Customer Conversion - Hot Cut Timeliness for UNE Loops	P-7A	Completed	Completed
	Percent Troubles within 7 Days of Hot Cut	P-7C	Completed	Completed
	Cooperative Acceptance Testing-Percent of xDSL Loops Tested		Completed	Completed

	Percent Provisioning Troubles within 30 Days		Completed	Completed
	•		Completed	Completed
	Service Order Accuracy - UNE Spcl (DSGN) (>=10 ckts~NonDsptch)	P-11		
	(DSGIV) ( To this Trompopton)		Completed	Completed
	Percentage of Time BellSouth Applies the 10-Digit Trigger Prior to the LNP Order Due Date		:	
			Completed	Completed
	Percent Out of Service < 60 Minutes	P-13C	Completed	Completed
LNP – Average Disconnect Timeliness Interval & Disconnect Timeliness Interval Distribution (Non-Trigger)			Completed	Completed
Maintenance &			completed	Completed
Repair	Percent Missed Repair Appointments	MR-1	In Progress	In Progress
	Customer Trouble Report Rate	MR-2	In Progress	In Progress
	Maintenance Average Duration	MR-3	In Progress	In Progress
	% Repeat Troubles within 30 Days	MR-4	In Progress	In Progress
Billing	Invoice Accuracy	B-1	Completed	Completed
	Mean Time to Deliver Invoices – CABS	B-2	Completed	Completed
	Usage Data Delivery Accuracy	B-3	Completed	Completed
TGP	GP Trunk Group Performance – Aggregate		Completed	Completed
	Trunk Group Performance - CLEC	TGP-2	Completed	Completed
Collocation	Collocation Percent of Missed Due Dates	C-3	Completed	Completed
Change Management	Timeliness of Change Management Notices	CM-1	Completed	Completed
	Timeliness of Documents Associated with Change	CM-3	Completed	Completed

PMR 5 Replication—Tier 1

oss	Percent Response Received within X seconds	OSS-1	N/A	N/A	N/A
	Interface Availability (Pre- Ordering and M&R)	OSS-2	N/A	īv/a	N/A
Pre-Ordering	Average Response Time for LMU Information (Non-Mechanized)	PO-1	Testing Completed	Testing Completed	Testing Completed
	Average Response Time for LMU Information (Electronic)	PO-2	Testing Completed	Testing Completed	Testing Completed
Ordering	Acknowledgement Message Timeliness	O-1	Testing Completed	Testing Completed	Testing Completed
	Acknowledgement Message Completeness (	O-2	Testing Completed	Testing Completed	Testing Completed
	Percent Flow Through Service Request (Summary)	O-3	N/A	N/A	N/A
	Percent Flow-Through Service Requests (Detail) - Residence	O-4	Testing Completed	Testing Completed	Testing Completed
	Reject Interval (Mechanized)	O-8	Testing Completed	Testing Completed	Testing Completed
	FOC Timeliness	O-9	Exception	Not Started	Not Started
	FOC and Reject Completeness	O-11	In Progress	Not Started	Not Started
Provisioning	Percent Missed Installation Appointments	P-3	In Progress	Not Started	Not Started
	Order Completion Interval	P-4	In Progress	In Progress	In Progress
	Coordinated Customer Conversion - UNE Loops w/ LNP	P-7.	Testing Completed	Testing Completed	Testing Completed
	Coordinated Customer Conversion - Hot Cut Timeliness for UNE Loops		Exception	Not Started	Not Started
	Percent Troubles within 7 Days of Hot Cut	P-7C	Draft Exception		Not Started

	Cooperative Acceptance Testing-Percent of xDSL Loops Tested	P-8	Exception	Not Started	Not Started
	Percent Provisioning Troubles within 30 Days	P-9	Testing Completed	Not Started	Not Started
	Service Order Accuracy - UNE Spcl (DSGN) (>=10 ckts~NonDsptch)	P-11	N/A	N/A	N/A
	LNP-Percent Missed Installation Appointments	P-12	N/A	N/A	N/A
	Percentage of Time BellSouth Applies the 10-Digit Trigger Prior to the LNP Order Due Date	P-13B	Testing Completed	Testing Completed	Testing Completed
	Percent Out of Service < 60 Minutes	P-13C	Draft Exception	Not Started	Not Started
	LNP – Average Disconnect Timeliness Interval & Disconnect Timeliness Interval Distribution (Non-Trigger)	P-13D	Testing Completed	Testing Completed	Testing Completed
Maintenance & Repair	Percent Missed Repair Appointments	MR-1	Testing Completed	Not Started	Not Started
	Customer Trouble Report Rate	MR-2	In Progress	In Progress	In Progress
	Maintenance Average Duration - Interconnection Trunks	MR-3	Testing Completed	Not Started	Not Started
	% Repeat Troubles within 30 Days - Interconnection Trunks	MR-4	Testing Completed	Not Started	Not Started
Billing	Invoice Accuracy	B-1	Testing Completed	Testing Completed	Testing Completed
	Mean Time to Deliver Invoices – CABS	B-2	Testing Completed	Testing Completed	Testing Completed
	Usage Data Delivery Accuracy	B-3	Testing Completed	Testing Completed	Testing Completed
TGP	Trunk Group Performance – Aggregate	TGP-1	N/A	N/A	N/A
	Trunk Group Performance – CLEC	TGP-2	Testing Completed	Testing Completed	Testing Completed

I I Allacation	Collocation Percent of Missed Due Dates	C-3	Testing Completed	Testing Completed	Testing Completed
	Timeliness of Change Management Notices	CM-1	N/A	N/A	N/A
	Timeliness of Documents Associated with Change	CM-3	N/A	N/A	N/A

# PMR 5 Replication—Tier 2

oss	Percent Response Received within X seconds	OSS-1	Testing Completed	Testing Completed	Testing Completed
	Interface Availability (Pre- Ordering and M&R)	OSS-2	Testing Completed	Testing Completed	Testing Completed
Pre-Ordering	Average Response Time for LMU Information (Non- Mechanized)	PO-1	Testing Completed	Testing Completed	Testing Completed
	Average Response Time for LMU Information (Electronic)	PO-2	Testing Completed	Testing Completed	Testing Completed
Ordering	Acknowledgement Message Timeliness	O-1	Testing Completed	Testing Completed	Testing Completed
	Acknowledgement Message Completeness (	O-2	Testing Completed	Testing Completed	Testing Completed
	Percent Flow Through Service Request (Summary)	O-3	Testing Completed	Testing Completed	Testing Completed
	Percent Flow-Through Service Requests (Detail) - Residence	O-4	N/A	N/A	N/A
	Reject Interval (Mechanized)	O-8	Testing Completed	Testing Completed	Testing Completed
	FOC Timeliness	O-9	Exception	Not Started	Not Started
	FOC and Reject Completeness	O-11	In Progress	Not Started	Not Started
Provisioning	Percent Missed Installation Appointments	P-3	In Progress	Not Started	Not Started
	Order Completion Interval	P-4	In Progress	In Progress	In Progress

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	Coordinated Customer Conversion - UNE Loops w/ LNP		Testing Completed	Testing Completed	Testing Completed
	Coordinated Customer Conversion - Hot Cut Timeliness for UNE Loops		Exception	Not Started	Not Started
	Percent Troubles within 7 Days of Hot Cut	P-7C	Draft Exception	Not Started	Not Started
	Cooperative Acceptance Testing-Percent of xDSL Loops Tested	P-8	Exception	Not Started	Not Started
	Percent Provisioning Troubles within 30 Days	P-9	Testing Completed	Not Started	Not Started
	Service Order Accuracy - UNE Spcl (DSGN) (>=10 ckts~NonDsptch)	P-11	In Progress	In Progress	Not Started
	LNP-Percent Missed Installation Appointments	P-12	N/A	N/A	N/A
	Percentage of Time BellSouth Applies the 10-Digit Trigger Prior to the LNP Order Due Date	P-13B	Testing Completed	Testing Completed	Testing Completed
	Percent Out of Service < 60 Minutes	P-13C	Draft Exception	Not Started	Not Started
	LNP – Average Disconnect Timeliness Interval & Disconnect Timeliness Interval Distribution (Non-Trigger)	P-13D	Testing Completed	Testing Completed	Testing Completed
Maintenance & Repair	Percent Missed Repair Appointments	MR-1	Testing Completed	Not Started	Not Started
	Customer Trouble Report Rate	MR-2	In Progress	In Progress	In Progress
	Maintenance Average Duration - Interconnection Trunks	MR-3	Testing Completed	Not Started	Not Started
	% Repeat Troubles within 30 Days - Interconnection Trunks	MR-4	Testing Completed	Not Started	Not Started
Billing	Invoice Accuracy	B-1	Testing Completed	Testing Completed	Testing Completed
	Mean Time to Deliver Invoices – CABS	B-2	Testing Completed	Testing Completed	Testing Completed

	Usage Data Delivery Accuracy	B-3	Testing Completed	Testing Completed	Testing Completed
TGP	Trunk Group Performance – Aggregate	TGP-1	Testing Completed	Testing Completed	Testing Completed
	Trunk Group Performance - CLEC	TGP-2	N/A	N/A	N/A
Collocation	Collocation Percent of Missed Due Dates	C-3	Testing Completed	Testing Completed	Testing Completed
Change Management	Timeliness of Change Management Notices	CM-1	Testing Completed	Testing Completed	Testing Completed
	Timeliness of Documents Associated with Change	CM-3	Testing Completed	Testing Completed	Testing Completed

In addition to this status report, according to BellSouth's records, the following exceptions issued by BearingPoint remain open when testing was suspended: Exceptions 175, 176, 181, 193, 195, 196, 198, 205, 206, 207, 208, 209, 211, 212, 213, 214, and 215; and Draft Exceptions 272, 273, 285, 293, 295, 296, 297, and 297.

Although BearingPoint has made progress in the SEEM audit, additional work remains, even after almost three years of SEEM testing. In BellSouth's view, part of the problem is that the testing model developed and utilized by BearingPoint to test and audit BellSouth's Service Quality Measurement ("SQM") Plan that began in Georgia in 1999 is not the appropriate platform for conducting the SEEM audit. Under the current audit model, BearingPoint develops separate software to essentially duplicate the functionality of the systems BellSouth uses to generate SEEM reports and payments. Under this approach, more emphasis is placed on computer coding than on the verification of accurate SEEM reporting and remedy calculations. In addition, having BearingPoint develop parallel computer coding unnecessarily adds to the time and expense of conducting the audit. Finally, under the current audit model, any discrepancy in the coding or reporting is treated with equal significance – regardless of whether the problem that has been identified is truly material to the reporting or calculation of SEEM remedies.

To address these problems and to conclude the SEEM audit in a thorough but expeditious manner, BellSouth proposes that a Request for Proposals (RFP) for a fixed price engagement should be issued to a group of potential auditors in the fourth quarter of 2003 for an audit beginning in early 2004. BellSouth proposes that this RFP would build upon the work performed to date by BearingPoint while addressing the two fundamental shortcomings of the audit model currently employed by BearingPoint – first, an audit focused on replicating computer code rather than verifying the accuracy of SEEM reports and remedy payments; and,

Mr. Reece McAlister September 16, 2003 Page 9

second, the lack of a materiality threshold. The following is an overview of the new audit BellSouth proposes:

### Compliance Testing

For each of the exceptions or draft exceptions issued by BearingPoint that remains open as of the date the SEEM test was suspended, the auditor will verify that BellSouth has taken adequate steps to address the concern identified by BearingPoint and will recommend to the Commission whether that exception or draft exception can be closed.

# Transaction Testing

The auditor will conduct transaction testing utilizing an audit model that tests inputs versus outputs to validate the accuracy and completeness of the data used to produce the measurement results instead of attempting to replicate software code. The auditor will begin testing with transactions from the Legacy systems files in the RADS Warehouse in PMAP. A statistically valid sample of transactions will be selected from the Legacy systems' end-of-month snapshot files in PMAP, which are the input for the monthly processing to produce SEEM reports and remedies. This statistically valid sample of transactions would be conducted for each of the SEEM measures the testing for which has not been completed by BearingPoint (hereinafter referred to as "Affected Measures"). The sampled transactions will be traced into the appropriate sub-metric SEEM data files to determine if the transactions were appropriately included or excluded from the measure based on the Commission-ordered business rules. This portion of the test validates the integrity of the data for both completeness and accuracy as it passes through the PARIS systems.

### Remedy Calculation Testing

The auditor will replicate the Affected Measures using SEEM data files and the SEEM Replication Manual. The auditor will test a sample of SEEM remedy payments for each Affected Measure to validate that the State of Georgia and the CLECs were paid appropriate Tier 1 or Tier 2 SEEM remedies. The auditor will certify that a statistically valid sample of Tier 1 and Tier 2 remedy payments were paid to the State or CLEC in accordance with Generally Accepted Account Principles ("GAAP").

# Audit Period and Materiality Threshold

The auditor will complete the audit within six (6) months, unless BellSouth agrees to or the Commission orders an extension. The auditor also will establish and use a materiality threshold for assessing issues at the sub-metric level, which will ensure that the auditor is focused on meaningful issues as the audit proceeds. BellSouth proposes that this materiality

threshold be established consistent with the standards for reposting performance data and recalculating SEEM payments as set forth in Appendix F of the Georgia SEEM Administrative Plan approved by this Commission. If the auditor identifies a material issue, the auditor would issue an exception report. BellSouth will commit to researching the issue and either refuting the issue, or accepting it and developing a fix to resolve the problem. If resolution activity for any issue is beyond the end of the audit period, in the Commission's discretion, the identified resolution activities will either be: (i) monitored through the current monthly industry PMAP process established by this Commission; or (ii) retested by reengaging the auditor after the resolution activity has been completed.

In BellSouth's view, this proposal will allow for a more focused SEEM audit that can be completed in a timely, efficient, and cost-effective manner. In addition, this methodology could be used as the platform for conducting the annual audits that this Commission required in its January 2001 Order in Docket No. 7892-U.

Enclosed for filing please find an original and seventeen (17) copies, as well as an electronic version, of this letter. I would appreciate your returning the two (2) extra copies stamped "filed" in the enclosed stamped, self-addressed envelopes.

Bennett L.

BLR:nvd Enclosures

cc: Mr. Leon Bowles
Parties of Record

504692

#### PARTIES OF RECORD 7892-U/8354-U

Kristy R. Holley, Division Director Consumers' Utility Counsel 47 Trinity Avenue, S.W. 4<sup>th</sup> Floor Atlanta, GA 30334-4600 404-656-3982 (o) kristy.holley@cuc.oca.ga.us

Suzanne W. Ockleberry, Esquire AT&T
1200 Peachtree Street, NE
Suite 8100
Atlanta, GA 30309
404-810-7175 (o)
sockleberry@att.com

Charles V. Gerkin Jr., Esquire Attorney at Law Suite 313 3939 LaVista Road Tucker, GA 30084 770-414-4206 (o) charles.gerkin@comcast.net

Jeremy D. Marcus, Esquire
Blumenfeld & Cohen
[Co-Counsel for Rhythm, aka ACI Corp.]
1625 Massachusetts Avenue, N.W.
Suite 300
Washington, DC 20036
202-955-6300 (o)
jeremy@technologylaw.com

Mr. John P. Silk Georgia Telephone Association 1900 Century Boulevard, Suite 8 Suite 8 Atlanta, GA 30345 404-321-5368 (o) jsilk@gta.org Newton M. Galloway, Esquire Smith, Galloway, Lyndall & Fuchs Suite 400 First Union Bank Tower 100 South Hill Street Griffin, GA 30229 770-233-6230 (o) ngalloway@sglf-law.com

Walt Sapronov, Esquire Gerry & Sapronov, LLP Three Ravinia Drive Suite 1455 Atlanta, GA 30346-2131 770-395-9100 (o) info@gstelecomlaw.com

Frank B. Strickland, Esquire
Strickland Brockington & Lewis
[Counsel for e.spire]
Midtown Proscenium – Suite 2000
1170 Peachtree Street. N.E.
Atlanta, GA 30309
404-885-5741 (o)
fbs@sbllaw.net

William Bradley Carver, Esquire Alston & Bird LLP One Atlantic Center 1201 West Peachtree Street Atlanta, GA 30309-3424 404-881-7000 (o) bcarver@alston.com

Daniel S. Walsh, Esquire
Attorney General Office
Department of Law-State of Georgia
40 Capitol Square, \$.W.
Atlanta, GA 30334-1330
404-657-2204 (o)
dan.walsh@law.state.ga.us

Stephen S. Melnikoff, Esquire General Attorney - Regulatory Law Office Troutman Sanders LLP U. S. Army Legal Services Agency Department of the Army 901 N. Stuart Street, Suite 700 Arlington, VA 22203-1837 703-696-1643 (o) stephen.melnikoff@hqda.army.mil

Charles F. Palmer, Esquire 5200 NationsBank Plaza 600 Peachtree Street, NE Atlanta, GA 30308-2216 404-885-3402 (o) charles.palmer@troutmansanders.com

Peter C. Canfield, Esquire Dow Lohnes & Albertson One Ravinia Drive, Suite 1600 Atlanta, GA 30346 770-901-8800 (o) pcanfield@dlalaw.com

Nanette S. Edwards, Esquire Regulatory Attorney ITC^DeltaCom 4092 S. Memorial Parkway Huntsville, AL 35802 256-382-3856 (o) nedwards@itcdeltacom.com

Anne E. Franklin, Esquire Arnall Golden & Gregory, LLP [Counsel for Broadslate, NorthPointe] 2800 One Atlantic Center 1201 West Peachtree Street Atlanta, GA 30309 404-873-8536 (o) anne.franklin@agg.com

William R. Atkinson, Esquire Sprint Communications Company L.P. 3065 Cumberland Boulevard Mailstop GAATLD0602 Atlanta, GA 30339 404-649-4882 (o) bill.atkinson@mail.sprint.com

D. Mark Baxter, Esquire Thomas M. Browder, III, Esquire Stone & Baxter, LLP 577 Mulberry Street **Suite 1111** Macon, GA 31201 478-750-9898 (o) mbaxter@stoneandbaxter.com tbrowder@stoneandbaxter.com

Genevieve Morelli, Esquire Andrew M. Klein, Esquire Kelley Drye & Warren LLP [Counsel for KMC Telecom] 1200 Nineteenth Street, N.W. Washington, DC 20036 202-877-1257 (o) gmorelli@kelleydrye.com aklein@kelleydrye.com

David I. Adelman, Esquire
Charles B. Jones III, Esquire
Hayley B. Riddle, Esquire
Sutherland, Asbill & Brennan LLP
999 Peachtree Steeet, N.E.
Atlanta, GA 30309-3996
(404) 853-8206 (o)
[Counsel for ITC^DeltaCom, WorldCom]
diadelman@sablaw.com
cbjones@sablaw.com
hbriddle@sablaw.com

Mark M. Middleton, Esquire Mark M. Middleton, P.C. 1100 Spring Street, Suite 380 Atlanta, GA 30309 404-806-0808 (o) [Counsel for CTAG] mark@middletonlaw.net

Charles A. Hudak, Esquire Friend, Hudak & Harris, LLP Three Ravinia Drive Suite 1450 Atlanta, GA 30346-2131 770-399-9500 (o) chudak@fh2.com Charles E. Watkins, Esquire
Senior Counsel
Covad Communications Company
1230 Peachtree Street, N.E., 19<sup>th</sup> Floor
Atlanta, GA 30309
404-942-3492 (o)
gwatkins@covad.com
jbell@covad.com

Dulaney L. O'Roark III, Esquire WorldCom, Inc.
Concourse Corporate Center Six 6 Concourse Parkway, Suite 3200 Atlanta, GA 30328
[Counsel for WorldCom, Inc.] 770-284-5498 (o) de.oroark@wcom.com

Rose Mulvany Henry, Esquire Birch Telecom of the South, Inc. 2020 Baltimore Avenue Kansas City, MO 64108 [Counsel for Birch Telecom] 816-300-3000 (o) rmulvany@birch.com

Eric J. Branfman, Esquire Swidler & Berlin 3000 K Street, N.W. Suite 300 Washington, DC 20007 202-945-6940 (o) ebranfman@swidlaw.com Margaret Ring, Esquire
Director Regulatory
& Governmental Affairs
Network Telephone
815 South Palafox Street
Pensacola, FL 32501
[Counsel for Network Telephone]
Margaret.ring@networktelephone.net

(09/16/03)